

**Notice of Allowability**

Application No.

10/829,588

Examiner

Abbas I. Abdulsalam

Applicant(s)

DUARTE ET AL.

Art Unit

2629

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 4/21/04.
2. ☒ The allowed claim(s) is/are 1-24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other \_\_\_\_\_

  
**RICHARD MJERPE**  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER

**DETAILED ACTION**

***Allowable Subject Matter***

1. Claims 1-24 are allowed.

**Reasons for Allowance**

2. The following is an examiner's statement of reasons for allowance:

Hawkins et al. (USPN 7231229) teach a pop-up menu including a redial list is activated when the user presses an activation switch (center button) 106 of five-way button 104, and discloses the pop-up menu may be activated in response to other user action or events. Hawkins teaches as shown in FIG. 6A, an example of a pop-up menu 600 including a redial list 603, as it is displayed on screen 102 according to one embodiment, wherein a Pop-up redial list 603 is a list of the most recently dialed telephone numbers 604 (col. 11, lines 19-36)

Regarding claim 1, prior art does not teach a data processing apparatus including a display for displaying text and or /graphics, an alphanumeric keyboard having, a first and second group of keys, the second group of keys having both specific alphabetic character and a specific number such that a user interface generation logic monitor keys, and if all keys within a sequence of keys are keys within the second group of keys, to then generate within the display a contact list containing contact entries , each of the contact entries within the list being identified based on the alphabetic characters associated with the sequence of selected keys and /or the numbers associated with the sequence of selected keys.

Regarding claims 9 and 17, prior art does not teach method of assigning to each of a first group of keys of an alphanumeric keyboard a specific alphabetic character, assigning to each of a second group of keys of the alpha numeric keyboard both a specific alphabetic character and a specific number; and monitoring keys on the keyboard selected in sequence by an end user, and if all keys within the sequence are keys within the second group of keys, generating within the display a contact list containing contact entries, each of the contact entries within the list identified based on the alphabetic characters associated with the sequence of selected keys and /or the numbers associated with the sequence of selected keys

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Abbas I. Abdulsalam whose telephone number is 7033058591. The examiner can normally be reached on Monday through Friday from 9:00 A.M. to 5:30 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Hjerpe, can be reached on 571-272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Abbas I Abdulsalam  
Examiner  
Art Unit 2629  
June 13, 2007

A handwritten signature in black ink, appearing to read 'R. Hjerpe', is written over a rectangular stamp.

**RICHARD HJERPE**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2600**